

REMARKS/ARGUMENTS

Rejection of Claims 1-9 under 35 U.S.C 103(a) as being unpatentable over Applicant's acknowledged Prior Art in view of Enjeti et al. (US 6005362).

5 Applicant asserts that Enjeti et al do not teach a control circuit for preventing equipment from being damaged by voltage sag as per the limitation disclosed in claim 1 of the claimed invention. Claim 1 of the claimed invention recites a control circuit having a turn-on button, a magnetic switch having a winding, a normal open connection, at least a main connection, and a modular circuit having a rectifier and an electricity
10 storing device. Preferably, the rectifier is utilized to provide a direct current to the control circuit and the electricity storing device is charged with the direct current while the direct current is conducted to the control circuit by the turn-on button. Additionally, the electricity storing device is discharged to supply current to the winding while a voltage sag takes place, thus preventing a disconnection between the normal open
15 connection and the main connection.

 Applicant asserts that Enjeti et al do not teach the step of utilizing the electricity storing device to supply current to the winding as voltage sag occurs. Despite Enjeti et al discloses a plurality of electricity storing devices in Fig. 5 of the cited reference, these
20 electricity storing devices do not supply current to the winding of the circuit as voltage sag takes place. Applicant asserts that this characteristic must be suggested in the cited reference in order to be combined with the acknowledged prior art of the present invention.

25 Since the feature involving the electricity storing device supplying current to the winding as voltage sag takes place is absent in the cited reference, applicant asserts that Enjeti et al and AAPA cannot be combined in the manner suggested. Reconsideration of

claim 1 is respectfully requested. As claims 2-5 are dependent upon claim 1, applicant asserts that if claim 1 is found allowable, claims 2-5 should additionally be found allowable.

5 Claim 6 of the present invention recites another control circuit having a turn-on button, a magnetic switch having a winding, a normal open connection and at least a main connection, and a modular circuit having a rectifier and an electricity storing device. Preferably, when an alternating current of a main power source is conducted to the control circuit by the turn-on button, the electricity storing device is charged with a direct current
10 rectified from the rectifier. Additionally, the electricity storing device is discharged to supply current to the winding as voltage sag takes place, thus preventing a disconnection between the normal open connection and the main connection.

Similar to the arguments made for claim 1, applicant asserts that Enjeti et al do not
15 teach the step of utilizing the electricity storing device to supply current to the winding as voltage sag occurs. Despite Enjeti et al discloses a plurality of electricity storing devices in Fig. 5 of the cited reference, these electricity storing devices do not supply current to the winding of the circuit as voltage sag takes place. Applicant asserts that this characteristic must be suggested in the cited reference in order to be combined with the
20 acknowledged prior art of the present invention.

Since the feature involving the electricity storing device supplying current to the winding as voltage sag takes place is absent in the cited reference, applicant asserts that Enjeti et al and AAPA cannot be combined in the manner suggested. Reconsideration of
25 claim 6 is respectfully requested. As claims 7-9 are dependent upon claim 6, applicant asserts that if claim 6 is found allowable, claims 7-9 should additionally be found allowable.

Appl. No. 10/604,288
Amdt. dated January 31, 2007
Reply to Office action of November 01, 2006

Applicant respectfully requests that a timely Notice of Allowance be issued in this case.

Sincerely yours,

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